

State of Vermont
Department of Health
Division of Children with Special Health Care Needs
Newborn Screening Program
108 Cherry Street – PO Box 70
Burlington, VT 05402-0070
www.HealthyVermonters.info

Agency of Human Services

TWINS:

D.O.B.:

MOTHER:

Dear Dr.

The Vermont Newborn Screening Program has received initial filter paper newborn screening specimens on the same-gender twins named above. **We suggest that you obtain repeat filter paper specimens at approximately 14 days of life on all same-gender twins who have been in NICU.**

Several cases of "late-developing" congenital hypothyroidism in one of a pair of same-gender, monoamniotic twins have been identified by the New England Newborn Screening Program. T4 and TSH concentrations on the initial filter paper blood specimens from the affected twin were normal or equivocal. Results of repeat testing, either as follow-up of equivocal results or because of clinical signs of congenital hypothyroidism at several weeks of age, were clearly indicative of congenital hypothyroidism. The presumed cause of the initial normal or equivocal result is transfusion of T4 from the euthyroid twin to the hypothyroid twin.

Please call if you have any questions.

Sincerely yours,

Dell McDonough, RN, BSN
VtNBS Program Nurse Coordinator

Revised July, 2013